

**REMARKS/ARGUMENTS**

Applicant would like to thank the Examiner for the careful consideration given the present application. The application has been carefully reviewed in light of the Office action, and amended as necessary to more clearly and particularly describe the subject matter which applicant regards as the invention.

The Examiner rejected claims 1-4 under 35 U.S.C. 102(a) as being anticipated by Takashige et al., U.S. 6,297,593. Takashige does not teach all the limitations of amended claim 1. More specifically Takashige does not teach “wherein a height of a cross section of the outer core is smaller than a height of a cross section of the middle core.” The added limitation in amended claim 1 is another way of stating the allowable limitation of  $h_2 < D_1$ ,  $h_2 < h_1$ ,  $D_2 < D_1$ , or  $D_2 < h_1$  recited in claim 6. The Examiner allowed claim 6 stating that the references do not teach or suggest this limitation, nor would it have been obvious to modify the references to include such a limitation. Thus, Takashige does not teach all the limitations of amended claim 1. Therefore, claim 1 is in condition for allowance.

The Examiner rejected claim 5 under 35 U.S.C. 103(a) as being unpatentable over Takashige et al. in view of Miyazaki et al. U.S. 6,587,023. Claim 5 depends from claim 1 thus any arguments pertaining to claim 1 are equally applicable to claim 5 and are herein incorporated by reference.

The Examiner objected to claim 6 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Claim 6 has been amended to include all the limitations of the base claims and any intervening claims and thus is in condition for allowance.

In light of the foregoing, it is respectfully submitted that the present application is in a

Appl. No. 10/663,146  
Amdt. Dated June 6, 2005  
Reply to Office action of March 4, 2005

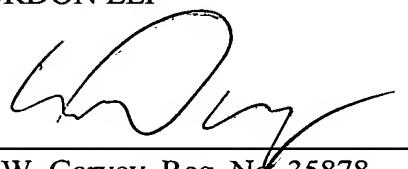
condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No. 36125.

Respectfully submitted,

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Date: June 6, 2005